

# 10 Hygiea & UCAC4-568-034194

2014 dec 16 21<sup>h</sup>43.6<sup>m</sup> U.T.

**Planet:**  $a = 3.14, e = 0.12$   
 $V. \text{ mag.} = 10.43$   $\text{Diam.} = 429.0 \text{ km} = 0.24''$   
 $\mu = 27.58''/\text{h}$   $\pi = 3.60''$   $\text{Ref.} = \text{EG2012}$

**Star:**  $\text{Source cat. UCAC4}$   
 $\alpha = 6^{\text{h}}50^{\text{m}}45.193^{\text{s}}$   $\delta = +23^{\circ}32'59.89''$   
 $V\text{mag} = 12.31$   $B\text{mag} = 14.03$

$\Delta m = 0.2$   $\text{Max. dur.} = 31.6\text{s}$

$\text{Sun} : 163^{\circ}$   $\text{Moon} : 99^{\circ}, 28\%$

